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Remarks

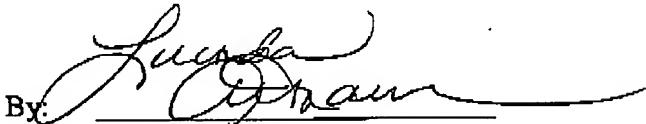
In response to the Office Action issued on October 31, 2006, Applicants have amended claims 1, 27, 28, 32, 34, 35, 37, and 38. Claims 3-4, 6-9, 11-26, 29, 30, 33, 36, and 39-45 remain pending.

The Examiner rejected claims 37-39, 44 and 45 under 35 U.S.C. 101 as claiming an invention directed to non-statutory subject matter. Specifically, the Examiner objected to the description of the distal end "which is inserted into the body organ when in use". The Examiner allowed claims 1, 3, 4, 6-9, 11-30, 32-36, and 40-43.

Applicant has amended independent claim 37, on which claim 44 depends, and independent claim 38, on which claims 39 and 45 depend, to clarify that reference is made to insertion into the body organ simply to identify which end of the catheter is the distal end. Accordingly, claims 37 and 38 now provide for "a distal end adapted to be substantially inserted into the body organ when in use". For purposes of consistency, similar changes have been made to claims 1, 27, 28, 32, 34, and 35.

In light of the foregoing, it is respectfully requested that the Examiner allow claims 1, 3, 4, 6-9, 11-30, and 32-45. The Examiner is encouraged to contact the undersigned attorney by telephone to resolve any remaining issues.

Respectfully submitted,

By: 

Lucinda A. Althauser
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Extension of Time Under 37 C.F.R. § 1.136(a)

Please grant a three-month extension of time for responding to the Office Action mailed October 31, 2006. With the requested extension, the deadline for a response will be April 30, 2007. The Commissioner is authorized to charge the requisite fee to Deposit Account No. 02-4467.

Respectfully submitted,

By:


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PTO/SB/17 (04-07)

Approved for use through 04/30/2007, OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818),

**FEE TRANSMITTAL
For FY 2007** Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete If Known	
Application Number	10/634,664
Filing Date	August 5, 2003
First Named Inventor	Rychnovsky
Examiner Name	A. Farah
Art Unit	3735
Attorney Docket No.	C017858/0130541

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 024467 Deposit Account Name: Bryan Cave LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

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FEES CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	
				Fee (\$)	Fee (\$)
- 20 or HP =	x	=		50	25
HP = highest number of total claims paid for, if greater than 20.				200	100
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	360	180
- 3 or HP =	x	=			
HP = highest number of independent claims paid for, if greater than 3.					

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 3 month extension of time to file

\$510.00

SUBMITTED BY		Registration No. (Attorney/Agent)	Telephone
Signature		59,101	314-259-2461
Name (Print/Type)	Lucinda A. Althauser		Date April 30, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.